PATENT

ATTY. DKT. NO.: 130399

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Ápplicant: Jiang Hsieh, et al.

Art Unit: 2621

Serial No.: 10/749,033

ъ .

Filed: December 30, 2003

Examiner:

,

METHODS AND APPARATUS FOR

ARTIFACT REDUCTION

CERTIFICATE OF MAILING

I certify that this correspondence is being deposited with the United States Postal Service as FIRST CLASS MAIL in an envelope addressed to Majl Stop AMENDMENT, Commissioner for Patents, P.O. Fox 150, decarding, VA 22313-1450, on August 19, 2005.

Robert B. Reeser, III Reg. No.: 45,548

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

Mail Stop: AMENDMENT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

For:

The following are submitted in the above application in compliance with 37 CFR 1.97 and 37 CFR 1.98.

This paper is submitted in accordance with:

2. 37 CFR 1.97(b): [within three months of national, non-CPA filing, prior to first Office Action, on the merits, or prior to first office action after filing an RCE]

PATENT

ATTY. DKT. NO.: 130399

☐ 3.		R 1.97(c): [before Final Office Action, Allowance, or other action closing ution, whichever is earlier]; and
	☐ a. ☐ b.	The required Certification made in item 5 below; or The \$180.00 fee specified in 37 CFR 1.17(p) for submission of this Information Disclosure Statement is authorized in item 6 below.
4 .	37 CF	R 1.97(d): [on or before issue fee payment]; and
	☐ a. ☐ b.	The required Certification is stated in item 5 below; and The \$180.00 fee specified in 37 C.F.R. 1.17(p) for submission of this Information Disclosure Statement is authorized in item 6 below.
	Certifi	cation
	☐ a.	communication from a foreign patent office in a counterpart foreign patent
	☐ b.	application not more than three months prior to the filing of this Statement; or No item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application and, to the knowledge of the person signing this document after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in 37 CFR 1.56(c) more than three (3) months prior to the filing date of this Statement.
⊠ 6.	Payme	nt of all applicable fees:
	\boxtimes	Please charge all applicable fees associated with the submittal of this
		Information Disclosure Statement to Deposit Account No. 01-2384. Enclosed is a check in the amount of \$in payment of all applicable fees associated with the submittal of this Information Disclosure Statement.
This do	ocumen	Respectfully Submitted Robert B Reeser, UReg. No.: 45,548 Armstrong Teasdale LLP One Metropolitan Square, Suite 2600 St. Louis, Missouri 63102 (314) 621-5070



PTO/SB/08A (07-05)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Complete if Known

Application Number 10/749,033

Filing Date December 30, 2003

First Named Inventor Jiang Hsieh, et al.

Art Unit 2621

Examiner Name N/A

Sheet 1 of 3 Attorney Docket Number 130399

U. S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (d known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		^{US-} 6,678,346	01/13/2004	Hsieh			
		^{US-} 2003/0223533	12/04/2003	Hsieh, et al.			
		^{US-} 6,654,442	11/25/2003	Hsieh			
		^{US-} 6,654,440	11/25/2003	Hsieh			
		^{US-} 6,647,095	11/11/2003	Hsieh			
		^{US-} 2003/0185345	10/02/2003	Hsieh			
		^{US-} 2003/0185337	10/02/2003	Hsieh			
		^{US-} 6,600,802	07/29/2003	Hsieh			
		^{US-} 6,408,042	06/18/2003	Hsieh			
		^{US-} 2003/0073893	04/17/2003	Hsieh			
		^{US-} 6,507,632	01/14/2003	Hsieh			
		^{US-} 6,490,333	12/03/2002	Hsieh			
		^{US-} 6,452,996	09/17/2002	Hsieh			
-		^{US-} 6,421,411	07/16/2002	Hsieh			
		us- 6,373,920	04/16/2002	Hsieh			
		^{US-} 6,269,139	07/31/2001	Hsieh			
		^{US-} 6,266,388	07/24/2001	Hsieh			
		^{US-} 6,418,189	07/09/2002	Schafer			
		^{US-} 5,115,394	05/19/1992	Walters			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Ľ	
						Г	

Examiner	Date	
Signature	Considered	
•		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known Substitute for form 1449/PTO **Application Number** 10/749,033 Filing Date December 30, 2003 INFORMATION DISCLOSURE First Named Inventor Jiang Hsieh, et al. STATEMENT BY APPLICANT Art Unit 2621 (Use as many sheets as necessary) **Examiner Name** N/A Attorney Docket Number 130399 Sheet 2

Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number-Kind Code ^{2 (d known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
		^{US-} 4,029,963	06/14/1977	Avarez, et al.	
		US-			
		US-		· ·	
		US-			
		US-			
		US-			
		US-		-	
	<u> </u>	US-			
_		US-			
	<u> </u>	US-			
		US-			
	<u> </u>	US-	-		
		US-			
	 	US-			
		US-			

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1		Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages			
		Country Code ^{3 -} Number ^{4 -} Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ⁶			
				,					

Examiner	Date	
Signature	Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English tanguage

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08B (07-05)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449/PTO				Complete if Known		
Cubbana				Application Number	10/749,033	
INFO	DRMATION	DIS	CLOSURE	Filing Date	December 30, 2003	
STA	TEMENT B	YA	PPLICANT	First Named Inventor	Jiang Hsieh, et al.	
	/lice se many cha	ate ae n	eressen/)	Art Unit	2621	
(Use as many sheets as necessary)				Examiner Name	N/A	
Sheet	3	of	3	Attorney Docket Number	130399	

		NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	r Cite No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-iss number(s), publisher, city and/or country where published.					
	AA	"Energy-Selective Reconstructions in X-ray Computerized Tomography," ALAVAREZ, et al., Phys. Med. Biol., 1976, vol. 21, No. 5, 733-744				
	АВ	"Dual-Kilovolt CT of Solitary Pulmonary Nodules: Importance of Equipment Calibration and Soft-Tissue Controls," PANDIT-BHALLA, Radiology, January 2001				
	AC	"Techniques to Alleviate the Effects of View Aliasing Artifacts in Computed Tomography," GALIGEKERE, et al., Med. Phys. 26 (6), June 1999				
	AD	"Lung Nodules: Dual-Kilovolt Peak Analysis with CT-Multicenter Study," SWENSEN, et al., Radiology, January 2000				

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant,

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.